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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
LIBERA, Matthew R. et al.

Serial No.: 10/626,472

Confirmation No. 1312

Filed: July 24, 2003

For: PATTERNED POLYMER  
MICROGEL AND METHOD  
OF FORMING SAME

X

Group Art Unit: 1762

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. Sections 1.97 and 1.98, the applicant and his attorney respectfully request that the following patents, patent publications and non-patent publications be made of record in the official United States Patent and Trademark Office file relating to the above-identified application. The citation of the following patents, patent publications and non-patent publications should not be construed as an admission that they constitute statutory prior art with respect to the present invention. In compliance with 37 C.F.R. §1.98(a)(2), copies of the foreign patent and non-patent publications are enclosed herewith.

U.S. Patent Nos.

3,470,078	5,626,863	6,103,785
4,684,558	5,650,165	6,187,872
4,997,656	5,674,275	6,228,390
5,143,071	5,674,346	6,306,422
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European Patent Application No. EP 1 116 516  
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With respect to the foreign patent publications and non-patent publications listed above, applicants' attorney notes that the enclosed copies of same are in the English language. In order to facilitate the Examiner's citation of the patents and the patent applications listed above, applicant's attorney has completed United States Patent and Trademark Office Form PTO/SB/08A and Form PTO/SB/08B. The completed forms are attached hereto for the Examiner's convenience.

No fees are believed to be due as a result of the submittal of this Information Disclosure Statement. If any such fees are due, the Examiner is hereby authorized to charge them to Deposit Account No. 501402.

Respectfully Submitted,

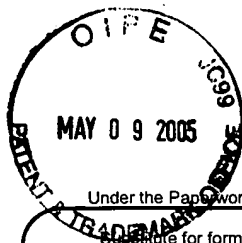
McCARTER & ENGLISH, LLP

A handwritten signature in black ink, appearing to read 'William Smith', is written over the printed name.

By: William Smith  
Reg. No. 46,459

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NWK2: 1310519.01  
97084-00022



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 9

**Complete if Known**

Application Number	10/626,472
Filing Date	July 24, 2003
First Named Inventor	LIBERA, Matthew
Art Unit	1762
Examiner Name	To Be Assigned
Attorney Docket Number	97084-00022

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 3,470,078	09-30-1969	P. A. King	
	2	US- 4,684,558	08-04-1987	Keusch et al.	
	3	US- 4,997,656	03-05-1991	Shikinami et al.	
	4	US- 5,143,071	09-01-1992	Keusch et al.	
	5	US- 5,171,264	12-15-1992	Merrill	
	6	US- 5,219,325	06-15-1993	Hennink et al.	
	7	US- 5,275,838	01-04-1994	Merrill	
	8	US- 5,354,790	10-11-1994	Keusch et al.	
	9	US- 5,480,717	01-02-1996	Kundel	
	10	US- 5,505,957	04-09-1996	D'Angelo et al.	
	11	US- 5,567,435	10-22-1996	Hubbell et al.	
	12	US- 5,593,395	01-14-1997	Martz	
	13	US- 5,626,863	05-06-1997	Hubbell et al.	
	14	US- 5,650,165	07-22-1997	Akemi et al.	
	15	US- 5,674,275	10-07-1997	Tang et al.	
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	17	US- 5,700,585	12-23-1997	Lee	
	18	US- 5,712,346	01-27-1998	Lee	
	19	US- 5,807,636	09-15-1998	Sheu et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	47	EP 1 116 516	07-18-2001	Gesellschaft		
	48	WO 96/030409	10-03-1996	Makromolekularn		
	49	WO 02/017888	03-07-2002	Gesellschaft		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
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Sheet 2 of 9

**Complete if Known**

Application Number	10/626,472
Filing Date	July 24, 2003
First Named Inventor	LIBERA, Matthew
Art Unit	1762
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	20	US- 5,837,377	11-17-1998	Sheu et al.	
	21	US- 5,840,329	11-24-1998	Bai	
	22	US- 5,846,214	12-08-1998	Makuuchi et al.	
	23	US- 6,068,053	05-30-2000	Shaw	
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	39	US- 2002/0071902	06-13-2002	Ding et al.	
	40	US- 2002/0091229	07-11-2002	Hubbell et al.	
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	43	US- 2003/0069383	04-10-2003	Van Antwerp et al.	
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	45	US- 2003/0082225	05-01-2003	Mason	
	46	US- 2003/0087099	05-08-2003	Merrill et al.	
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Sheet	4	of	9	Attorney Docket Number	97084-00022

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	50	ITO, Yoshihiro, Surface Micropatterning to Regulate Cell Functions, Biomaterials, 1999, pp. 2333-2342, Issue 20.	
	51	KANE, Ravi S. et al., Patterning Proteins and Cells Using Soft Lithography, Biomaterials, 1999, pp. 2363-2376, Issue 20.	
	52	CHEN, Christopher S. et al., Geometric Control of Cell Life and Death, Science, 30 May 1997, pp.1425-1428, Issue 276.	
	53	HYUN, Jinho et al., Micropatterns of a Cell-Adhesive Peptide on an Amphiphilic Comb Polymer Film, Langmuir, 2002, pp. 2975-2979, Issue 18.	
	54	JAMES, C. D. et al., Patterned Protein Layers on Solid Substrates by Thin Stamp Microcontact Printing, Langmuir, 1998, pp. 741-744, Issue 14.	
	55	SINGHVI, Rahul et al., Engineering Cell Shape and Function, Science, 29 April 1994, pp. 696-698, Issue 264.	
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	57	DELAMARCHE, Emmanuel et al., Microfluidic Networks for Chemical Patterning of Substrates: Design and Application to Bioassays, Journal of the American Chemical Society, 9 January 1998, pp. 500-508, Issue 120.	

Examiner Signature		Date Considered	
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		First Named Inventor	LIBERA, Matthew		
		Art Unit	1762		
		Examiner Name	To Be Assigned		
Sheet	5	of	9	Attorney Docket Number	97084-00022

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/626,472
Filing Date	July 24, 2003
First Named Inventor	LIBERA, Matthew
Art Unit	1762
Examiner Name	To Be Assigned
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